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	Application No.	Applicant(s)	711
Notice of Allowability	10/775,270	KIM ET AL.	
	Examiner	Art Unit	
	David Nhu	2818	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	(OR REMAINS) CLOSED in t) or other appropriate commun RIGHTS. This application is su	his application. If not including it is application. If not including the including th	ded e course. THIS
1. This communication is responsive to 1/11/05.			
2. The allowed claim(s) is/are <u>1-12</u> .			
3. \boxtimes The drawings filed on <u>12 February 2004</u> are accepted by	the Examiner.		
4.			
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. Interview Sur Paper No./M /08), 7. Examiner's A 8. Examiner's S 9. Other	ormal Patent Application (Pommary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for A	llowance

Application/Control Number: 10/775,270 Page 2

Art Unit: 2818

REASONS FOR ALLOWANCE

1. Claims 1-12 are allowed.

The following is an examiner's statement of reasons for allowance: None of the references of record teaches or suggests in claims 1, 7: forming source/drain regions in the substrate at opposite edges of the gate wire by selectively ion-implanting a high density of an impurity of a second conductivity type; forming an inter-level insulating layer having a plurality of contact holes to expose predetermined portions of the gate wire and junction diode; simultaneously forming a metal wire coupled to the gate wire, and a dummy metal pattern coupled to the junction diode by selectively etching the metal layer to expose predetermined portions of a surface of the inter-level insulating layer (as cited in claim 1); forming source/drain regions in the well of the first conductivity type at opposite edges of the gate wire by selectively ionimplanting a high density of an impurity of a second conductivity type in the well of the first conductivity type; forming a second junction diode formed in the well of the second conductivity type at a predetermined distance apart from the first junction diode by selectively ionimplanting a high density of an impurity of the first conductivity type in the well if the second conductivity type; forming an inter-level insulating layer over the gate wire and the first and second junction diodes, the inter-level insulating layer including a plurality of contact holes to expose predetermined portions of the gate wire and the first and second diodes; simultaneously forming a metal wire coupled to the gate wire, and a dummy metal pattern coupled to the junction diode by selectively etching the metal layer to expose predetermined portions of a surface of the inter-level insulating layer (as cited in claim 7).

Application/Control Number: 10/775,270 Page 3

Art Unit: 2818

for Allowance."

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons

CONCLUSION

4. The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure: Kim et al (6,717,209 B1): Semiconductor Device Having Junction Diode and

Fabricating Method Therefor.

Noguchi (6,365,939 B1): Semiconductor Protection Device.

5. Any inquiry concerning this communication on earlier communications from the examiner

should be directed to David Nhu, (571)272-1792. The examiner can normally be reached

on Monday-Friday from 7:30 AM to 5:00 PM.

The examiner's supervisor, David Nelms can be reached on (571)272-1787.

The fax phone number for the organization where this application or proceeding is assigned is

(703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should

be directed to the receptionist whose telephone number is (703) 308-0956.

David Nhu

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Art Unit 2818

DAVID NHU